

INSTALLATION ENGINEERING DATADate form completed 1/23/67

(See Remarks at end of form)

Tentative ☐ Valid until _____Final data ☒

I. INSTRUMENT

A. Name of instrument: Chip Format Printer

B. Manufacturer: _____

C. Contract number: _____

D. Delivery date: Tentative: 5/15/67 Final: _____

STAT.

II. PHYSICAL FEATURES

A. Sub-assemblies:

1. Number of sub-assemblies: 802. Largest sub-assembly: Weight 400 lbs; 28 " H x 32 " W x 38 " D3. Heaviest sub-assembly: Weight 400 lbs; 28 " H x 32 " W x 38 " D

B. Assembled instrument:

1. Number of major components: 42. Largest component: Weight 1750 lbs; 48.5 " H x 58 " W x 40.5 " D3. Heaviest component: Weight 1750 lbs; 48.5 " H x 58 " W x 40.5 " D4. Total floor space required after assembly, including maintenance access space. 8 Ft. 6 In. High x 12 Ft. 0 In. Wide x 9 Ft. 0 In. Deep.5. Total weight of assembled instrument: 3000 lbs. *C. Type of base of mount: Flat ____; 3-point suspension ____; 4-point suspension XD. Does the instrument have built-in mobility? Yes ____ No XE. Is the instrument particularly sensitive to vibration? Yes ____ No XWill the instrument generate vibration? Yes ____ No XF. Are any special or unusual tools or fixtures necessary or advisable for the installation of the maintenance of this instrument? Yes X No ____.If "Yes," please describe: Fork Lift with one ton capacity for transporting units during installation.

III. UTILITIES

A. Electrical:

1. Voltage 208 Volts ^{AC} / 115 Volts ^{DC} / _____2. Current 20 Amps/phase _____ Amps3. Frequency 60 cps4. Nr. of phases 3 Ph5. Nr. of wires 56. Power required 8K Watts Max. _____ Watts7. Power factor 0.8 (Leading) (Lagging) Min. _____

8. Type of outlet: Two prong ____; three prong ____; Twist lock ____; Perm. ____ 5 Pin

9. Type of ground: Building conduit X; Direct earth ground X.10. Should the instrument be shielded, either from external electromagnetic signals or to prevent interference with other equipment? Yes X No ____If "Yes," to what extent? Power lines should have Radio Interference Filter, Range 100 Kc to 5 Mc, Attenuation > 40 db

* Total including Teletype

B. Air conditioning:

1. Desired environment: Room air temperature of 65 °F / 80 °F and relative humidity of 30 % / 60 %.
2. Input Air: Is a direct connection necessary? Yes No X ;
Adviseable? Yes No ; If "Yes," what is the connector type and size? Recommended input air temperature °F / °F.
Relative humidity % / %. If input air must be filtered, what is the maximum particle size in microns? What particle count? / cu. ft.
3. Output Air: Is a direct connection to the return air duct necessary? Yes X No . Adviseable? Yes X No . Connector type and size?
- ** 4 inch ducts. Output air temperature 65 °F / 90 °F. Relative humidity 30 % / 100 %. Output heat BTU/Hr. Flow of 100 CFM. Is output air toxic? Yes X No ; Noxious? Yes X No .
- ** Two required. It is preferable that they be vented separately.

C. Plumbing:

1. Is water required? Yes No X ; Pressure PSIG, flow GPM.
2. Type of water required:
Tap °F / °F Deionized °F / °F
Tempered °F / °F Filtered °F / °F
If filtered, give maximum permissible particle size in microns and the maximum permissible count. microns particles/cu. ft.
3. Pipe required:
Galvanized Copper Size
Stainless Steel Plastic Type of connector
4. Floor drain:
Diameter of drain Galvanized drain?
Plastic drain? Glass drain?
5. Are any chemical solutions used in the device? Yes X No . If "Yes," state the nature of the solution(s), permissible temperature range, flow rate in appropriate units and the filtration necessary for each solution Freon 113 and Tetrachloroethylene (20% - 80%). ***.
6. Size of pipes and connectors .
*** Direct plumbing hookup not required; chemical sump is manual fill.

D. Compressed air:

Is compressed air required? Yes X No . Water free? X Oil Free? X
Type and size of connector? ****. Pressure 60 PSIG. Flow in CFM
Maximum 50, minimum 0, average 25.

E. Vacuum:

Is vacuum required? Yes No X. Pressure PSIA or (inches of water) (millimeters of mercury). Displacement in CFM, maximum , minimum , average . Type and Size of connectors .

F.* Peripheral Devices:

Will the instrument be connected to any peripheral devices such as a computer or data input or data output device? Yes No X. If "Yes," give, in detail, the nature of the connection to the peripheral device such as coaxial cable, multiple wire connector, etc.

** Direct hook-up to a 35 Aaw teletype*

IV. REMARKS

- A. Use additional sheets if more space is required for environmental conditions or utilities not mentioned above.
- B. Submit three typed copies of the completed form to the Technical Representative.

**** Series 1000 Quick Connect Air Hose Coupling Socket

- C. Attach three copies of a dimensioned outline drawing of each major component and of the completed assembly. Include the estimated weight of each major component and of the completed assembly. Indicate, on the outline drawing of the completed assembly, the space required for access to the instrument for maintenance.
- D. If a question does not apply to the instrument, insert "N/A" (Not Applicable) in the appropriate blank space.



STAT

STAT

Approved For Release 2003/01/17 : CIA-RDP78B04747A000400030054-6

Next 3 Page(s) In Document Exempt

Approved For Release 2003/01/17 : CIA-RDP78B04747A000400030054-6